

Abstract of the Disclosur

A light branching apparatus includes an optical splitter and a first wavelength dispersion compensator. The optical splitter splits an optical signal for a plurality of channels on a first optical fiber into at least a first optical channel signal on a first channel of a second optical fiber and a plurality of second optical channel signals on a plurality of second channels of a third optical fiber.

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10 The first wavelength dispersion compensator is provided for the first channel and compensates wavelength dispersion of the first optical channel signal due to the optical splitter.